CONTENTS OF VOLUME 25

NUMBER 1

1 RELATION BETWEEN THE CONTENT OF ORGANOCHLORINE COMPOUNDS IN FINNISH HUMAN MILK AND CHARACTERISTICS OF THE MOTHERS **H. Mussalo-Rauhamaa, H. Pyysalo, and K. Antervo**

21 ASSESSMENT OF ORGANOPHOSPHORUS-INDUCED DELAYED NEUROPATHY IN CHICKENS USING NEEDLE ELECTROMYOGRAPHY **Linda Shell, Bernard S. Jortner, and Marion Ehrich**

35 FIBROGENICITY AND CARCINOGENIC POTENTIAL OF SMELTER SLAGS USED AS ABRASIVE BLASTING SUBSTITUTES **Lloyd E. Stettler, Jim E. Proctor, S. Frank Platek, Robert J. Carolan, Randall J. Smith, and Harry M. Donaldson**

57 LUNG INJURY IN GUINEA PIGS CAUSED BY MULTIPLE EXPOSURES TO ULTRAFINE ZINC OXIDE: CHANGES IN PULMONARY LAVAGE FLUID **Michael W. Conner, William H. Flood, Adrianne E. Rogers, and Mary O. Amdur**

71 EFFECT OF 70% OXYGEN ON POSTRESECTIONAL LUNG GROWTH IN RATS **De-jian Cui, Ahmed Jafri, and Lyn A. Thet**

87 INCREASED PLASMA FREE FATTY ACID AND TRIGLYCERIDE LEVELS AFTER SINGLE ADMINISTRATION OF TOLUENE IN RABBITS **Setsunori Takahashi, Koichi Tanabe, Chikatoshi Maseda, Hiroshi Shiono, and Yuko Fukui**

97 CHLOROFORM INDUCTION OF ORNITHINE DECARBOXYLASE ANTIZYME (ODC-AZ) IN THE MALE RAT LIVER **Russell E. Savage, Jr., Michael E. Pereira, and Anthony B. DeAngelo**

103 VIRUS-PESTICIDE INTERACTIONS WITH MURINE CELLULAR IMMUNITY AFTER SUBLETHAL EXPOSURE TO DIELDRIN AND AMINOCARB **Michel Fournier, Gaston Chevalier, Denis Nadeau, Bertin Trottier, and Krzysztof Krzystyniak**

119 CHEMICAL SCORING SYSTEM FOR HAZARD AND EXPOSURE IDENTIFICATION **Terry R. O'Bryan and Robert H. Ross**

135 COMPUTER-ASSISTED ANALYSIS OF INTERLABORATORY AMES TEST VARIABILITY **R. Benigni and A. Giuliani**

149 BOOK REVIEWS

153 ANNOUNCEMENTS

NUMBER 2

155 INFLUENCE OF CIGARETTE SMOKING ON THE TOXICOKINETICS OF TOLUENE IN HUMANS **Ewa Wigaeus Hjelm, Per H. Näslund, and Maria Wallén**

165 EFFECTS OF EXERCISE EXPOSURE ON TOXIC INTERACTIONS BETWEEN INHALED OXIDANT AND ALDEHYDE AIR POLLUTANTS **William J. Mautz, Michael T. Kleinman, Robert F. Phalen, and T. Timothy Crocker**

179 URINARY CADMIUM AND BETA$_2$-MICROGLOBULIN: CORRELATION WITH NUTRITION AND SMOKING HISTORY **Norman E. Kowal**

185 SEROLOGIC STUDY OF GUINEA PIGS EXPOSED FOR 12 MONTHS TO COTTON DUST **Nurudeen S. Olaniran and Meryl H. Karol**

201 DEVELOPMENT OF HEPATOCYTES IN THE PANCREAS OF HAMSTERS TREATED WITH 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN **M. S. Rao, V. Subbarao, and D. G. Scarpelli**

207 EFFECT OF SELECTED INSECTICIDES ON RAT BRAIN SYNAPTOSOMAL ADENYLATE CYCLASE AND PHOSPHODIESTERASE **Prasada Rao S. Kodavanti, Bam D. Mehrotra, Sreeramulu C. Chetty, and Durisala Desaiah**

217 SOME CARDIOVASUCLAR EFFECTS OF THE INSECT REPELLENT *N,N*-DIETHYL-*m*-TOLUAMIDE (DEET) **Glenn J. Leach, R. David Russell, and John T. Houpt**

227 EFFECTS OF LEAD ON GROWTH IN YOUNG HERRING GULLS (*LARUS ARGENTATUS*) **Joanna Burger and Michael Gochfeld**

237 ESR EVIDENCE FOR THE HYDROXYL RADICAL FORMATION IN AQUEOUS SUSPENSION OF QUARTZ PARTICLES AND ITS POSSIBLE SIGNIFICANCE TO LIPID PEROXIDATION IN SILICOSIS **Xianglin Shi, N. S. Dalal, and V. Vallyathan**

247 CHANGES IN T-LYMPHOCYTE SUBPOPULATIONS AND NATURAL KILLER CELLS FOLLOWING EXPOSURE TO AMBIENT LEVELS OF NITROGEN DIOXIDE **Arnis Richters and Karim S. Damji**

257 ANNOUNCEMENTS

NUMBER 3

259 VARIATION BETWEEN THREE STRAINS OF RAT: INHIBITION OF NEUROTOXIC ESTERASE AND ACETYLCHOLINESTERASE BY TRI-*o*-CRESYL PHOSPHATE **C. D. Carrington and Mohamed B. Abou-Donia**

269 MODIFICATION OF AFLATOXIN B_1 BIOTRANSFORMATION IN VITRO AND DNA BINDING IN VIVO BY DIETARY BROCCOLI IN RATS **Howard S. Ramsdell and David L. Eaton**

285 EVALUATION OF REPRODUCTIVE PARAMETERS IN ADULT MALE WISTAR RATS AFTER SUBCHRONIC EXPOSURE (GAVAGE) TO BENOMYL **Ralph E. Linder, Georgia L. Rehnberg, Lillian F. Strader, and Juanita P. Diggs**

299 EVALUATION OF THE SUBCHRONIC AND REPRODUCTIVE EFFECTS OF A SERIES OF CHLORINATED PROPANES IN THE RAT. I. TOXICITY OF 1,2,3-TRICHLOROPROPANE **F. R. Johannsen, G. J. Levinskas, G. M. Rusch, J. B. Terrill, and R. E. Schroeder**

317 EVALUATION OF THE SUBCHRONIC AND REPRODUCTIVE EFFECTS OF A SERIES OF CHLORINATED PROPANES IN THE RAT. II. TOXICITY OF 1,2,2,3-TETRACHLOROPROPANE AND 1,1,2,2,3-PENTACHLOROPROPANE **F. R. Johannsen, G. J. Levinskas, G. M. Rusch, J. B. Terrill, and R. E. Schroeder**

329 RAT LUNG RECOVERY FROM 3 DAYS OF CONTINUOUS EXPOSURE TO 0.75 ppm OZONE **David J. P. Bassett, Elizabeth Bowen-Kelly, Connie L. Elbon, and Sherrie S. Reichenbaugh**

349 CORTICOSTERONE DECREASES TOXICITY OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN (TCDD) IN HYPOPHYSECTOMIZED RATS **Joel R. Gorski, Margitta Lebofsky, and Karl Rozman**

361 DISTRIBUTION AND ELIMINATION OF [^{14}C]OCTACHLOROSTYRENE IN COD (*GADUS MORHUA*), RAINBOW TROUT (*SALMO GAIRDNERI*), AND BLUE MUSSEL (*MYTILUS EDULIS*) **K. Ingebrigtsen, J. E. Solbakken, G. Norheim, and I. Nafstad**

373 A STUDY OF MERCURY IN THE HAIR OF DENTISTS AND DENTAL-RELATED PROFESSIONALS IN 1985 AND SUBCOHORT COMPARISON OF 1972 AND 1985 MERCURY HAIR LEVELS **Janet M. Scarlett, Walter H. Gutenmann, and Donald J. Lisk**

383 EFFECTS OF NITROGEN DIOXIDE AND OZONE ON BLOOD-BORNE CANCER CELL COLONIZATION OF THE LUNGS **Arnis Richters**

391 ANNOUNCEMENTS

NUMBER 4

393 EVALUATION OF EXPOSURE TO ISOFLURANE (FORANE): ENVIRONMENTAL AND BIOLOGICAL MEASUREMENTS IN OPERATING ROOM PERSONNEL **M. Imbriani, S. Ghittori, G. Pezzagno, and E. Capodaglio**

403 IMMUNOLOGIC EFFECTS OF PERINATAL EXPOSURE OF RATS TO DIOCTYLTIN DICHLORIDE **R. J. Smialowicz, M. M. Riddle, R. R. Rogers, D. G. Rowe, R. W. Luebke, L. D. Fogelson, and C. B. Copeland**

423 UPTAKE, DISTRIBUTION, AND METABOLISM OF TRIVALENT ARSENIC IN THE PREGNANT MOUSE **Ronald D. Hood, Ginger C. Vedel, Michael J. Zaworotko, Fred M. Tatum, and Robert G. Meeks**

435 REPRODUCTIVE TOXICITY OF 2,4-TOLUENEDIAMINE IN THE RAT. 3. EFFECTS ON ANDROGEN-BINDING PROTEIN LEVELS, SELECTED SEMINIFEROUS TUBULE CHARACTERISTICS, AND SPERMATOGENESIS **Santosh K. Varma, Eric Bloch, Bernard Gondos, Vilma Rossi, Glen L. Gunsalus, and Benjamin Thysen**

453 EFFECT OF BENZYL CHLORIDE ON RAT HEPATOCYTES **Mohamed S. Abdel-Rahman and Sarita Saxena**

461 EFFECT OF SUBCHRONIC DIELDRIN TREATMENT ON CALMODULIN-REGULATED Ca^{2+} PUMP ACTIVITY IN RAT BRAIN **B. D. Mehrotra, S. Ravichandra Reddy, and D. Desaiah**

471 QUANTIFICATION OF NUCLEAR PORES IN TUMOR PROMOTER-INDUCED HEPATIC NODULES IN RATS: A FREEZE-FRACTURE STUDY **M. G. Evans**

479 CHANGES IN RAT LUNG MICROSOMAL LIPIDS AFTER *p*-XYLENE: RELATIONSHIP TO INHIBITION OF BENZO[a]PYRENE METABOLISM **A. E. Roberts, C. P. LeBel, J. A. Stickney, D. Silverman, D. R. Brown, and R. A. Schatz**

495 RABBIT SERUM HYPERTRIGLYCERIDEMIA AFTER ADMINISTRATION OF 2,3,7,8-TETRACHLORODIBENZO-*p*-DIOXIN (TCDD) **David W. Brewster, David W. Bombick, and Fumio Matsumura**

509 DERMAL TOXICITY OF A HIGH-BOILING (bp 250–450°C) COAL LIQUEFACTION PRODUCT IN THE RAT—II **I. Chu, D. C. Villeneuve, M. Côté, V. Secours, R. Otson, and V. E. Valli**

FOLLOWING PAGE 525:

TITLE PAGE TO VOLUME 25

CONTENTS TO VOLUME 25

AUTHOR INDEX TO VOLUME 25

SUBJECT INDEX TO VOLUME 25